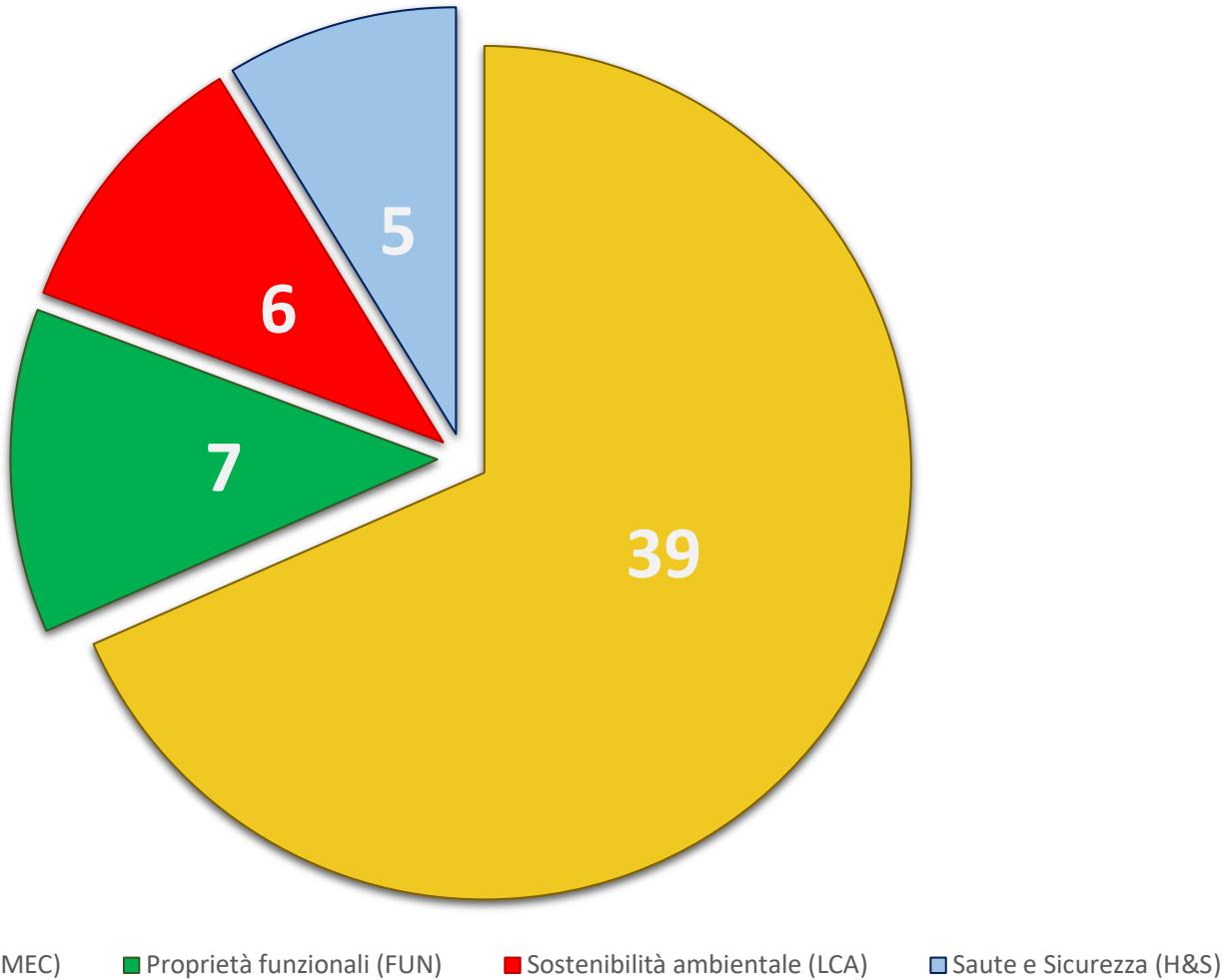


Le principali pubblicazioni scientifiche condotte, dal 2014 da docenti universitari italiani, sui conglomerati bituminosi con polverino di gomma

(indicizzati su Scopus considerando le keywords "Asphalt Rubber" e "Rubberised Asphalt" e limitandola alle pubblicazioni su rivista)



H&S Farina, A., Zanetti, M.C., Santagata, E., Blengini, G.A.

Life cycle assessment applied to bituminous mixtures containing recycled materials: Crumb rubber and reclaimed asphalt pavement

(2017) Resources, Conservation and Recycling, 117, pp. 204-212.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85003510855&doi=10.1016%2f.resconrec.2016.10.015&partnerID=40&md5=6fd1ba22ac52b7e3be749badc758866>

DOI: 10.1016/j.resconrec.2016.10.015

MEC Sangiorgi, C., Eskandarsefat, S., Tataranni, P., Simone, A., Vignali, V., Lantieri, C., Dondi, G.

A complete laboratory assessment of crumb rubber porous asphalt

(2017) Construction and Building Materials, 132, pp. 500-507.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006751088&doi=10.1016%2f.conbuildmat.2016.12.016&partnerID=40&md5=af1f38cca32b705d225f17658c299033>

DOI: 10.1016/j.conbuildmat.2016.12.016

FUN Sangiorgi, C., Tataranni, P., Simone, A., Vignali, V., Lantieri, C., Dondi, G.

Stone mastic asphalt (SMA) with crumb rubber according to a new dry-hybrid technology: A laboratory and trial field evaluation

(2018) Construction and Building Materials, 182, pp. 200-209.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048719550&doi=10.1016%2f.conbuildmat.2018.06.128&partnerID=40&md5=afdf9c8b42abc703bdd89c90e4ee98d8>

DOI: 10.1016/j.conbuildmat.2018.06.128

MEC Dondi, G., Tataranni, P., Pettinari, M., Sangiorgi, C., Simone, A., Vignali, V.

Crumb Rubber in cold recycled bituminous mixes: Comparison between Traditional Crumb Rubber and Cryogenic Crumb Rubber

(2014) Construction and Building Materials, 68, pp. 370-375.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904913141&doi=10.1016%2f.conbuildmat.2014.06.093&partnerID=40&md5=8162f914b170d3bfe18195ecebe72b1b>

DOI: 10.1016/j.conbuildmat.2014.06.093

FUN de León, G., Del Pizzo, A., Teti, L., Moro, A., Bianco, F., Fredianelli, L., Licita, G.

Evaluation of tyre/road noise and texture interaction on rubberised and conventional pavements using CPX and profiling measurements

(2020) Road Materials and Pavement Design, 21 (S1), pp. S91-S102.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081399230&doi=10.1080%2f14680629.2020.1735493&partnerID=40&md5=ad96edff7d72edff004a11d1bdb40241>

DOI: 10.1080/14680629.2020.1735493

MEC Pettinari, M., Simone, A.

Effect of crumb rubber gradation on a rubberized cold recycled mixture for road pavements

(2015) Materials and Design, 85, pp. 598-606.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940741238&doi=10.1016%2f.matdes.2015.06.139&partnerID=40&md5=7af9f383d815938bdb9f3e336d0d27d6>

DOI: 10.1016/j.matdes.2015.06.139

MEC Eskandarsefat, S., Dondi, G., Sangiorgi, C.

Recycled and rubberized SMA modified mixtures: A comparison between polymer modified bitumen and modified fibres

(2019) Construction and Building Materials, 202, pp. 681-691.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060151374&doi=10.1016%2f.conbuildmat.2019.01.045&partnerID=40&md5=47be02ea333ce73c93cf0cac576da1c8>

DOI: 10.1016/j.conbuildmat.2019.01.045

LCA Puccini, M., Leandri, P., Tasca, A.L., Pistonesi, L., Losa, M.

Improving the environmental sustainability of low noise pavements: Comparative life cycle assessment of reclaimed asphalt and crumb rubber based warm mix technologies

(2019) Coatings, 9 (5), art. no. 343, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069755791&doi=10.3390%2fcoatings9050343&partnerID=40&md5=98bfda180201b237b4938334ff0d23e5>

DOI: 10.3390/coatings9050343

MEC Santagata, E., Lanotte, M., Baglieri, O., Dalmazzo, D., Zanetti, M.C.

Analysis of bitumen–crumb rubber affinity for the formulation of rubberized dry mixtures

(2016) Materials and Structures/Materiaux et Constructions, 49 (5), pp. 1947-1954.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928969544&doi=10.1617%2fs11527-015-0625-3&partnerID=40&md5=1d9b50d6f6604113826ae6a3470db35>

DOI: 10.1617/s11527-015-0625-3

MEC Santagata, E., Baglieri, O., Alam, M., Lanotte, M., Riviera, P.P.

Evaluation of rutting resistance of rubberized gap-graded asphalt mixtures

(2015) Bituminous Mixtures and Pavements VI - Proceedings of the 6th International Conference on Bituminous Mixtures and Pavements, ICONFBMP 2015, pp. 407-412.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949796341&doi=10.1201%2fb18538-59&partnerID=40&md5=9205a9f70db0ed7a47212a12c6c8316c>

DOI: 10.1201/b18538-59

LCA Bartolozzi, I., Mavridou, S., Rizzi, F., Frey, M.

Life cycle thinking in sustainable supply chains: The case of rubberized asphalt pavement

(2015) Environmental Engineering and Management Journal, 14 (5), pp. 1203-1215.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944562046&doi=10.30638%2feemj.2015.131&partnerID=40&md5=4e79a0f5177a38b0c9f84a9ebdef7778>

DOI: 10.30638/eemj.2015.131

H&S Fathollahi, A., Makoundou, C., Coupe, S.J., Sangiorgi, C.

Leaching of PAHs from rubber modified asphalt pavements

(2022) Science of the Total Environment, 826, art. no. 153983, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125576812&doi=10.1016%2fscitotenv.2022.153983&partnerID=40&md5=9e9c0b6d5d3ef9e42a27997b3d90945c>

DOI: 10.1016/j.scitotenv.2022.153983

MEC Bressi, S., Colinas-Armijo, N., Di Mino, G.

Analytical approach for the mix design optimisation of bituminous mixtures with crumb rubber

(2018) Materials and Structures/Materiaux et Constructions, 51 (1), art. no. 26, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041012131&doi=10.1617%2fs11527-018-1152-9&partnerID=40&md5=c85c654f1897b7a7bfbc6e6ee3fed194>

DOI: 10.1617/s11527-018-1152-9

MEC Eskandarsefat, S., Hofko, B., Sangiorgi, C.

A comparison study on low-temperature properties of Stone Mastic Asphalts modified with PmBs or modified fibres

(2020) International Journal of Pavement Engineering, 21 (12), pp. 1541-1549.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058146081&doi=10.1080%2f10298436.2018.1554219&partnerID=40&md5=a7dd163ad5a2bd11b6d44ba798dfb021>

DOI: 10.1080/10298436.2018.1554219

MEC Subhy, A., Lo Presti, D., Airey, G., Widyatmoko, I.

Rutting analysis of different rubberised stone mastic asphalt mixtures: from binders to mixtures

(2022) Road Materials and Pavement Design, 23 (9), pp. 2098-2114.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110720795&doi=10.1080%2f14680629.2021.1950818&partnerID=40&md5=30809ca7841ca00ae096242f772c578c>

DOI: 10.1080/14680629.2021.1950818

MEC Astolfi, A., Subhy, A., Praticò, F.G., Lo Presti, D.

Quality-control procedure for dry-process rubberised asphalt mastics

(2019) Bituminous Mixtures and Pavements VII- Proceedings of the 7th International Conference on Bituminous Mixtures and Pavements, ICONFBMP 2019, pp. 560-567.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086864341&doi=10.1201%2f9781351063265-75&partnerID=40&md5=2ee82fb13fcfd8efc5896213f8eb4d>

DOI: 10.1201/9781351063265-75

MEC Mazzotta, F., Tataranni, P., Simone, A., Fornai, D., Airey, G., Sangiorgi, C.

Multi-scale rheo-mechanical study of SMA mixtures containing fine crumb rubber in a new dry-hybrid technology

(2020) Applied Sciences (Switzerland), 10 (11), art. no. 3887, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086110155&doi=10.3390%2fapp10113887&partnerID=40&md5=9f32cec763b9777e28b76a7d1f7f2e39>

DOI: 10.3390/app10113887

MEC Medina, J.G., Giancontieri, G., Lo Presti, D.

Quality control of manufacturing and hot storage of crumb rubber modified binders

(2020) Construction and Building Materials, 233, art. no. 117351, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074134724&doi=10.1016%2fconbuildmat.2019.117351&partnerID=40&md5=72b4749e604584c665a2d090f5382bac>

DOI: 10.1016/j.conbuildmat.2019.117351

MEC Santagata, E., Riviera, P.P., Baglieri, O., Lanotte, M.

Use of Municipal Solid Waste Bottom Ashes in Rubberized Asphalt Mixtures

(2022) Journal of Testing and Evaluation, 51 (4), .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139982413&doi=10.1520%2fJTE20220301&partnerID=40&md5=6cd7a280195c9b1f89b3724d2bb32379>

DOI: 10.1520/JTE20220301

MEC Makoundou, C., Sangiorgi, C.

Influence of Freeze–Thaw Cycles on the Mechanical Properties of Highly Rubberised Asphalt Mixtures Made with Warm and Cold Asphalt Binders

(2022) Materials, 15 (7), art. no. 2701, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128396548&doi=10.3390%2fma15072701&partnerID=40&md5=a2e52865b99fdafbed0c7b97866ada17>

DOI: 10.3390/ma15072701

FUN Subhy, A., Lo Presti, D., Airey, G., Edwards, P.

Rubberised stone mastic asphalt mixtures: a performance-related evaluation

(2022) Road Materials and Pavement Design, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141167883&doi=10.1080%2f14680629.2022.2136580&partnerID=40&md5=d76cea6991813c059fdbd7c8642392b29>

DOI: 10.1080/14680629.2022.2136580

FUN Sambucci, M., Valente, M.

Acoustic behaviour of 3d-printable cement mortars functionalized with recycled tire rubber aggregates

(2021) "Advances in Acoustics, Noise and Vibration - 2021" Proceedings of the 27th International Congress on Sound and Vibration, ICSV 2021, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117455635&partnerID=40&md5=f00574db8cae48155ec75722fcb93077>

MEC Martinez Soto, F., Di Mino, G., Di Liberto, C.M.

Evaluation of dry asphalt rubber concrete in railway sub-ballast using the four point bending test

(2016) Civil-Comp Proceedings, 110, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964323962&partnerID=40&md5=0cfdcc4365c9ac873458d8dea58e45b3>

MEC Giancontieri G., Hargreaves D., Lo Presti D.

Are we correctly measuring the rotational viscosity of heterogeneous bituminous binders?

(2020), Road Materials and Pavement Design

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089945146&doi=10.1080%2f14680629.2020.1724559&partnerID=40&md5=280a1aeb2ce7c85a9e26b2c8def87afe>

DOI: 10.1080/14680629.2020.1724559

LCA Bressi S., Santos J., Orešković M., Losa, M.

A comparative environmental impact analysis of asphalt mixtures containing crumb rubber and reclaimed asphalt pavement using life cycle assessment

2021, International Journal of Pavement Engineering

DOI: 10.1080/10298436.2019.1623404

MEC Carpani, C., Bocci, E., Prosperi, E., Bocci, M.

Evaluation of the rheological and performance behaviour of bitumen modified with compounds including crumb rubber from waste tires

(2022) Construction and Building Materials, 361, art. no. 129679, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141448426&doi=10.1016%2fj.conbuildmat.2022.129679&partnerID=40&md5=02386ac17cc626057badcdcbca5d0ada>

DOI: 10.1016/j.conbuildmat.2022.129679

MEC Bocci, E., Prosperi, E., Bocci, M.

Rheological Modeling of Bituminous Mixtures Including Polymer-Modified Binder and Fine Crumb Rubber Added through Dry Process

(2023) Materials, 16 (1), art. no. 310, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145772217&doi=10.3390%2fma16010310&partnerID=40&md5=583471e3bcbfdbb6ac1306eb2bd8326c>

DOI: 10.3390/ma16010310

Rodríguez-Alloza, A.M., Gallego, J., Pérez, I., Bonati, A., Giuliani, F.

MEC High and low temperature properties of crumb rubber modified binders containing warm mix asphalt additives

(2014) Construction and Building Materials, 53, pp. 460-466.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891719232&doi=10.1016%2fj.conbuildmat.2013.12.026&partnerID=40&md5=0032ce715244e1dc5cf93102bf7374fb>

DOI: 10.1016/j.conbuildmat.2013.12.026

Praticò, F.G., Giunta, M., Mistretta, M., Gulotta, T.M.

LCA Energy and environmental life cycle assessment of sustainable pavement materials and technologies for urban roads

(2020) Sustainability (Switzerland), 12 (2), art. no. 704, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079691724&doi=10.3390%2fsu12020704&partnerID=40&md5=c806e3a2caecef8a6b92e084c9c535e8>

DOI: 10.3390/su12020704

Zanetti, M.C., Fiore, S., Ruffino, B., Santagata, E., Dalmazzo, D., Lanotte, M.

MEC Characterization of crumb rubber from end-of-life tyres for paving applications

(2015) Waste Management, 45, pp. 161-170.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955176026&doi=10.1016%2fi.wasman.2015.05.003&partnerID=40&md5=47731d55eaa72631390e17736a0293a1>

DOI: 10.1016/j.wasman.2015.05.003

Landi, D., Gigli, S., Germani, M., Marconi, M.

MEC Investigating the feasibility of a reuse scenario for textile fibres recovered from end-of-life tyres

(2018) Waste Management, 75, pp. 187-204.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041895743&doi=10.1016%2fi.wasman.2018.02.018&partnerID=40&md5=b33e9abdef1c86ce24b68563d8429b66>

DOI: 10.1016/j.wasman.2018.02.018

Bressi, S., Santos, J., Giunta, M., Pistonesi, L., Lo Presti, D.

LCA A comparative life-cycle assessment of asphalt mixtures for railway sub-ballast containing alternative materials

(2018) Resources, Conservation and Recycling, 137, pp. 76-88.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047860226&doi=10.1016%2fj.resconrec.2018.05.028&partnerID=40&md5=ff3f319ca00a23cc386735becef14364>

DOI: 10.1016/j.resconrec.2018.05.028

Rodríguez-Alloza, A.M., Gallego, J., Giuliani, F.

MEC Complex shear modulus and phase angle of crumb rubber modified binders containing organic warm mix asphalt additives

(2017) Materials and Structures/Materiaux et Constructions, 50 (1), art. no. 77, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989849882&doi=10.1617%2fs11527-016-0950-1&partnerID=40&md5=5c040eef0beb9140de7f2c013cb900cf>

DOI: 10.1617/s11527-016-0950-1

Eskandarsefat, S., Sangiorgi, C., Dondi, G., Lamperti, R.

MEC Recycling asphalt pavement and tire rubber: A full laboratory and field scale study

(2018) Construction and Building Materials, 176, pp. 283-294.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046803648&doi=10.1016%2fj.conbuildmat.2018.05.031&partnerID=40&md5=26cdc613dc76932e3158f03729a9d07f>

DOI: 10.1016/j.conbuildmat.2018.05.031

Pettinari, M., Dondi, G., Sangiorgi, C., Hededal, O.

MEC The effect of Cryogenic Crumb Rubber in cold recycled mixes for road pavements

(2014) Construction and Building Materials, 63, pp. 249-256.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899680198&doi=10.1016%2fj.conbuildmat.2014.04.060&partnerID=40&md5=14a363e31754a04e478486a77997bcf4>

DOI: 10.1016/j.conbuildmat.2014.04.060

Polacco, G., Filippi, S.

MEC Vulcanization accelerators as alternative to elemental sulfur to produce storage stable SBS modified asphalts

(2014) Construction and Building Materials, 58, pp. 94-100.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897681067&doi=10.1016%2fj.conbuildmat.2014.02.018&partnerID=40&md5=7aaa713790f359a69ea7f374d8934676>

DOI: 10.1016/j.conbuildmat.2014.02.018

Santagata, E., Baglieri, O., Alam, M., Dalmazzo, D.

MEC A novel procedure for the evaluation of anti-rutting potential of asphalt binders

(2015) International Journal of Pavement Engineering, 16 (4), pp. 287-296.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919843269&doi=10.1080%2f10298436.2014.942859&partnerID=40&md5=3332def34edd079b6133dca819effdc8>

DOI: 10.1080/10298436.2014.942859

Gallego, J., Rodríguez-Alloza, A.M., Giuliani, F.

MEC Black curves and creep behaviour of crumb rubber modified binders containing warm mix asphalt additives

(2016) Mechanics of Time-Dependent Materials, 20 (3), pp. 389-403.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962198879&doi=10.1007%2fs11043-016-9300-5&partnerID=40&md5=5a21ef0827a934d6164085639e7d7a27>

DOI: 10.1007/s11043-016-9300-5

Vignal, V., Mazzotta, F., Sangiorgi, C., Simone, A., Lantieri, C., Dondi, G.

MEC Incorporation of rubber powder as filler in a new dry-hybrid technology: Rheological and 3D DEM mastic performances evaluation

(2016) Materials, 9 (10), art. no. 842, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995468079&doi=10.3390%2fma9100842&partnerID=40&md5=27d3f238843a68f3c7353d339a3ec8a0>

DOI: 10.3390/ma9100842

Bocci, E., Prosperi, E.

MEC Recycling of reclaimed fibers from end-of-life tires in hot mix asphalt

(2020) Journal of Traffic and Transportation Engineering (English Edition), 7 (5), pp. 678-687.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083288907&doi=10.1016%2fj.jtte.2019.09.006&partnerID=40&md5=cf92323df6296b4ed51fc2f4afcdfe9d>

DOI: 10.1016/j.jtte.2019.09.006

Zadshir, M., Ploger, D., Yu, X., Sangiorgi, C., Yin, H.

MEC Chemical, thermophysical, rheological, and microscopic characterisation of rubber modified asphalt binder exposed to UV radiation

(2020) Road Materials and Pavement Design, 21 (S1), pp. S123-S139.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081582116&doi=10.1080%2f14680629.2020.1736606&partnerID=40&md5=8674dd663815ed1d6270e19113fee7c2>

DOI: 10.1080/14680629.2020.1736606

Jiménez del Barco Carrión, A., Subhy, A., Izquierdo Rodriguez, M.A., Lo Presti, D.

MEC Optimisation of liquid rubber modified bitumen for road pavements and roofing applications

(2020) Construction and Building Materials, 249, art. no. 118630, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083083164&doi=10.1016%2fj.conbuildmat.2020.118630&partnerID=40&md5=1fed4cac130a422b82b64694f01300ee>

DOI: 10.1016/j.conbuildmat.2020.118630

Fiore, N., Caro, S., D'Andrea, A., Scarsella, M.

MEC Evaluation of bitumen modification with crumb rubber obtained through a high pressure water jet (HPWJ) process

(2017) Construction and Building Materials, 151, pp. 682-691.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021350305&doi=10.1016%2fj.conbuildmat.2017.06.100&partnerID=40&md5=2d809a05ec435454020d6135fb40a83a>

DOI: 10.1016/j.conbuildmat.2017.06.100

H&S Zanetti, M.C., Santagata, E., Fiore, S., Ruffino, B., Dalmazzo, D., Lanotte, M.

Evaluation of potential gaseous emissions of asphalt rubber bituminous mixtures. Proposal of a new laboratory test procedure

(2016) Construction and Building Materials, 113, pp. 870-879.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962038997&doi=10.1016%2fj.conbuildmat.2016.03.101&partnerID=40&md5=25d83c888a363efc08f094a0331bf8a3>

DOI: 10.1016/j.conbuildmat.2016.03.101

FUN Praticò, F.G., Fedele, R., Pellicano, G.

Pavement FRFs and noise: A theoretical and experimental investigation

(2021) Construction and Building Materials, 294, art. no. 123487, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107661246&doi=10.1016%2fj.conbuildmat.2021.123487&partnerID=40&md5=0996f08e304d29e030e6cff9ba544947>

DOI: 10.1016/j.conbuildmat.2021.123487

MEC Huang, J., Leandri, P., Cuciniello, G., Losa, M.

Mix design and laboratory characterisation of rubberised mixture used as damping layer in pavements

(2022) International Journal of Pavement Engineering, 23 (8), pp. 2746-2760.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099474701&doi=10.1080%2f10298436.2020.1869975&partnerID=40&md5=d7153490e49340a8b5792878d8f5b0e0>

DOI: 10.1080/10298436.2020.1869975

Leandri, P., Rocchio, P., Losa, M.

FUN A SWOT analysis of innovative high sustainability pavement surfaces containing crumb rubber modifier

(2020) Road Materials and Pavement Design, 21 (S1), pp. S103-S122.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081305206&doi=10.1080%2f14680629.2020.1736132&partnerID=40&md5=681eebee7ca21b351f8260cd538a6b5f>

DOI: 10.1080/14680629.2020.1736132

Pais, J.C., Santos, C.R.G., Lo Presti, D.

MEC Application of textile fibres from tire recycling in asphalt mixtures

(2022) Road Materials and Pavement Design, 23 (10), pp. 2353-2374.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114876080&doi=10.1080%2f14680629.2021.1972034&partnerID=40&md5=e96b5ad7b83f3cf9a2f12708db032a3>

DOI: 10.1080/14680629.2021.1972034

Zanetti, M.C., Farina, A.

H&S Life Cycle Risk Assessment Applied to Gaseous Emissions from Crumb Rubber Asphalt Pavement Construction

(2022) Sustainability (Switzerland), 14 (9), art. no. 5716, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130224071&doi=10.3390%2fsu14095716&partnerID=40&md5=c93a0a14453de729a1ded1ef11ca5ae9>

DOI: 10.3390/su14095716

Zhurinov, M.Z., Teltayev, B.B., Kalybai, A.A., Rossi, C.O., Amirkayev, Y.D.

MEC Comparative analysis of standard indicators for nanocarbon asphalt concrete and other asphalt concretes

(2020) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (442), pp. 120-126.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090641137&doi=10.32014%2f2020.2518-170X.92&partnerID=40&md5=a508bb34a5c0f339262bb0d3280a7b90>

DOI: 10.32014/2020.2518-170X.92

Zanetti, M.C., Ruffino, B., Dalmazzo, D., Lanotte, M., Santagata, E.

MEC Determination of crumb rubber content of asphalt rubber binders

(2018) Journal of Materials in Civil Engineering, 30 (4), art. no. 04018041, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046069933&doi=10.1061%2f%28ASCE%29MT.1943-5533.0002213&partnerID=40&md5=51c40a1511ab9a133ab5105dc9403ed2>

DOI: 10.1061/(ASCE)MT.1943-5533.0002213

Pires, D.M., Schuster, S.L., Specht, L.P., da Silva Pereira, D., Biancardo, S.A.

MEC Study of the permanent deformation of asphalt mixtures in the field: A multiscale approach

(2022) Construction and Building Materials, 325, art. no. 126763, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124488770&doi=10.1016%2fj.conbuildmat.2022.126763&partnerID=40&md5=8f3a915e5240d009a471c51a4521ccc9>

DOI: 10.1016/j.conbuildmat.2022.126763

Sahandifar, P., Makoundou, C., Fahlstedt, M., Sangiorgi, C., Johansson, K., Wallqvist, V., Kleiven, S.

H&S A rubberized impact absorbing pavement can reduce the head injury risk in vulnerable road users: A bicycle and a pedestrian accident case study

(2022) Traffic Injury Prevention, 23 (5), pp. 315-320.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130924758&doi=10.1080%2f15389588.2022.2067990&partnerID=40&md5=f31fa4b193bb9751c7f3a4fc9be68832>

DOI: 10.1080/15389588.2022.2067990

MEC Poulikakos, L.D., Buttler, W., Schüwer, N., Lo Presti, D., Balmer, T., Bueno, M.

Can crumb rubber modifier effectively replace the use of polymer-modified bitumen in asphalt mixture?

(2022) Sustainable and Resilient Infrastructure, 7 (5), pp. 515-530.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114393845&doi=10.1080%2f23789689.2021.1965428&partnerID=40&md5=f728200b55d4a92057c6fa575d4b5325>

DOI: 10.1080/23789689.2021.1965428

MEC Rodríguez-Alloza, A.M., Autelitano, F., Giuliani, F.

Restoration of physical properties on an aged crumb rubber modified bitumen adding a bio-based recycling agent
(2023) Case Studies in Construction Materials, 18, art. no. e01990, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150877165&doi=10.1016%2fj.cscm.2023.e01990&partnerID=40&md5=3fa4da436bac002417661ed305a47738>

DOI: 10.1016/j.cscm.2023.e01990

FUN Makoundou, C., Fathollahi, A., Kleiven, S., Coupe, S.J., Sangiorgi, C.

Mechanical and leaching characterisation of impact-absorbing rubberised asphalts for urban pavements
(2023) Materials and Structures/Materiaux et Constructions, 56 (3), art. no. 55, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150932407&doi=10.1617%2fs11527-022-02078-5&partnerID=40&md5=7020a678db4d7b87b1f8f7a13e4f8919>

DOI: 10.1617/s11527-022-02078-5

LCA Siverio Lima, M.S., Makoundou, C., Sangiorgi, C., Gschösser, F.

Life Cycle Assessment of Innovative Asphalt Mixtures Made with Crumb Rubber for Impact-Absorbing Pavements
(2022) Sustainability (Switzerland), 14 (22), art. no. 14798, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142723569&doi=10.3390%2fsu142214798&partnerID=40&md5=d9ab4e206f32b31524f6267fd75ba687>

DOI: 10.3390/su142214798

MEC Rodríguez-Alloza, A.M., Giuliani, F., Gallego, J.

Technical suitability of wet or dry processing of a dense rubberized warm asphalt mixture [Idoneidad técnica de una mezcla semicaliente densa con caucho introducido por vía húmeda o vía seca]

(2022) Materiales de Construcción, 72 (348), art. no. e302, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147843603&doi=10.3989%2fmc.2022.294822&partnerID=40&md5=25d136fe76f1a13490b58896ee574d37>

DOI: 10.3989/mc.2022.294822