

Carmen Racles

Published articles (ISI)

Last 5 years: 1-23 (within the group: all except [12])

1.	M. Dascalu, A.C. Stoica, A. Bele, L. Yu, D. Ionita, A.L. Vasiliu, A. Ladegaard Skov, C. Racles , M. Cazacu, Fully carboxy-functionalized polyhedral silsesquioxanes as polar fillers to enhance the performance of dielectric silicone elastomers, Polymer 289 (2023) 126492; https://doi.org/10.1016/j.polymer.2023.126492
2.	C. Racles, A.L. Vasiliu, Tuning of Morphology and Surface Properties of Porous Silicones by Chemical Modification, Appl. Sci. 2023, 13, 10899. https://doi.org/10.3390/app131910899
3.	C. Racles , Molecular and silica-supported metal complexes as new catalysts for hydrosilylation, Rev. Roum. Chim. , 2023, 68(5–6), 233–240. DOI: 10.33224/rrch.2023.68.5-6.06
4.	M. Cazacu, M. Dascalu, G.T. Stiubianu, A. Bele, C. Tugui, C. Racles , From passive to emerging smart silicones, Rev Chem Eng 39(6), 2023, 941-1003, https://doi.org/10.1515/revce-2021-0089
5.	M. Dascalu, A.C. Stoica, A. Bele, A.M. Macsim, A. Bargan, C.D. Varganici, G.T. Stiubianu, C. Racles , S. Shova, M. Cazacu, Octakis(carboxyalkylthioethyl)silsesquioxanes and derived metal complexes: synthesis, characterization and catalytic activity assessments. Journal of Inorganic and Organometallic Polymers and Materials , 32, 3955–3970 (2022). https://doi.org/10.1007/s10904-022-02408-8
6.	C. Racles , A. Bele, A.L. Vasiliu, L. Sacarescu. Emulsion Gels as Precursors for Porous Silicones and All-Polymer Composites—A Proof of Concept Based on Siloxane Stabilizers. Gels 2022, 8, 377. https://doi.org/10.3390/gels8060377 (17 pp)
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9.	C. Racles , M.-F. Zaltariov, M. Silion, M. Avadanei, A.-M. Macsim, A. Nicolescu, Synthesis, characterization and some metal complexes of bis(isocyanide)disiloxane, showing catalytic activity – Applied Organometallic Chemistry 36(3), 2022, e6543 DOI: 10.1002/aoc.6543
10.	A.C. Stoica, M. Damoc, M.F. Zaltariov, C. Racles , M. Cazacu, Two-dimensional coordination polymers containing permethylated motifs - promising candidates for 2D emerging materials. Structural, behavioral and functional particularities, Reactive and Functional Polymers 168 (2021) 105039; https://doi.org/10.1016/j.reactfunctpolym.2021.105039
11.	M. Cazacu, C. Racles , M.F. Zaltariov, M. Dascalu, A. Bele, C. Tugui, A. Bargan, G. Stiubianu, From Amorphous Silicones to Si-Containing Highly Ordered Polymers: Some Romanian Contributions in the Field; Polymers 13(10), 2021, Article Number 1605. DOI: 10.3390/polym13101605
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