

Articles (IF Web of Science 2012)

2017

1. Danilovtseva E., Maheswari Krishnan U., Pal'shin V., Annenkov V. Polymeric Amines and Ampholytes Derived from Poly(Acryloyl Chloride): Synthesis, Influence on Silicic Acid Condensation and Interaction with Nucleic Acid. *Polymers*. 2017, 9, 624; doi:10.3390/polym9110624. (5-Year Impact Factor: 4.330 (2016))
2. Annenkov Vadim V., Danilovtseva Elena N., Pal'shin Viktor A., Verkhovzina Ol'ga N., Zelinskiy Stanislav N. and Krishnan Uma Maheswari. Silicic acid condensation under the influence of water-soluble polymers: from biology to new materials. *RSC Adv.*, 2017, 7, 20995-21027. (IF=3,289)
3. Annenkov V.V., Danilovtseva E.N., Pal'shin V.A., Zelinskiy S.N., Chebykin E. P., Gak V.Yu., Shendrik R.Yu. Luminescent siliceous materials based on sodium silicate, organic polymers and silicon analogs. *Materials Chemistry and Physics* 185 (2017) 65-72 (IF=2.101)
4. Annenkov V.V., Danilovtseva E.N, Khutsishvili S.S, Pal'shin V.A, Polienko Y.F, Saraev V.V, Vakul'skaya T.I, Zelinskiy S.N, Grigor'ev I.A. Polyamine-based spin probes for the study of siliceous structure. *Microporous & Mesoporous Materials*. 2017. (IF=3,349)

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5. Annenkov V.V., Pal'shin V.A., Verkhovzina O.N., Larina L.I., Danilovtseva E.N. Composite nanoparticles: a new way to siliceous materials and a model of biosilica synthesis. *Materials Chemistry and Physics* (2015) V. 165. pp. 227-234., DOI: 10.1016/j.matchemphys.2015.09.022 (IF=2.259)

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6. Annenkov V.V., Pal'shin V.A., Danilovtseva E.N. **2012**. Water-soluble copolymers of 2-methacryloyloxyethyl phosphate: synthesis and properties. *e-Polymers*, no. 024, <http://www.e-polymers.org> (IF=0,4)
7. Черников Д.А., Пальшин В.А., Баженов Б.Н., Сафронов А.Ю., Кашевский А.В. **2012**. Гидроксияцетофеноны – новые модели при изучении электроокисления кварцетина. Ивановский государственный химико-технологический университет. Известия высших учебных заведений. Сер: химия и химическая технология 55(8):43-47

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8. Danilovtseva E.N., Pal'shin V.A., Likhoshway Y.V., and Annenkov V.V. **2011**. Condensation of silicic acid in the presence of co(1-vinylimidazole–acrylic acid). *Adv. Sci. Lett.* 4(2):616-621. DOI: <http://dx.doi.org/10.1166/asl.2011.1262> (IF= 1.253).
9. Annenkov V.V., Danilovtseva E.N., Pal'shin V.A., Aseyev V.O., Petrov A.K., Kozlov A.S., Patwardhan S.V., Perry C.C. **2011**. Poly (vinyl amine) – silica composite nanoparticles: models of the silicic acid cytoplasmic pool and as a silica precursor for

composite materials formation *Biomacromolecules* 12:1772–1780. DOI:
10.1021/bm2001457 (IF= 5,371)

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