

Sergey P Rozhkov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

105
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

118
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mechanism of aggregation of UV-irradiated ^{125}I -crystallin. <i>Experimental Eye Research</i> , 2011, 92, 76-86. | 2.6 | 33 |
| 2 | Protein interaction with hydrated C60 fullerene in aqueous solutions. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 562-566. | 2.1 | 28 |
| 3 | Thermodynamic study of protein phases formation and clustering in model water-protein-salt solutions. <i>Biophysical Chemistry</i> , 2010, 151, 22-28. | 2.8 | 15 |
| 4 | Fullerene-containing phases obtained from aqueous dispersions of carbon nanoparticles. <i>Russian Journal of Physical Chemistry A</i> , 2007, 81, 952-958. | 0.6 | 7 |
| 5 | Salt induced thermodynamic instability, concentration heterogeneity and phase transitions in lysozyme solutions. <i>Biophysical Chemistry</i> , 2012, 170, 34-41. | 2.8 | 6 |
| 6 | Fatty acid transfer between serum albumins and shungite carbon nanoparticles and its effect on protein aggregation and association. <i>European Biophysics Journal</i> , 2020, 49, 85-94. | 2.2 | 6 |
| 7 | Interaction of shungite carbon nanoparticles with blood protein and cell components. <i>Russian Journal of General Chemistry</i> , 2013, 83, 2585-2595. | 0.8 | 5 |
| 8 | Phase states of water-protein(polypeptide)-salt system and reaction to external environment factors. <i>Biophysics (Russian Federation)</i> , 2014, 59, 43-48. | 0.7 | 3 |
| 9 | An analysis of the applicability of the sechenov equation to the system lysozyme-aqueous solution of NaCl. <i>Russian Journal of Physical Chemistry A</i> , 2010, 84, 1532-1535. | 0.6 | 2 |
| 10 | Stable, metastable, and supercritical phases in solutions of globular proteins between upper and lower denaturation temperatures. <i>Biophysics (Russian Federation)</i> , 2017, 62, 539-546. | 0.7 | 0 |