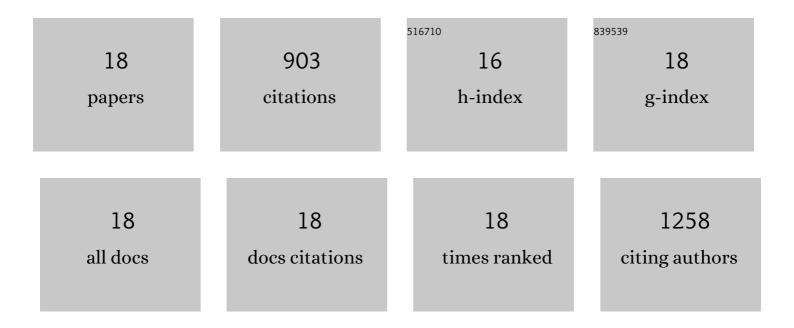
Ilya Chorny

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | In silico selection of therapeutic antibodies for development: Viscosity, clearance, and chemical stability. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18601-18606. | 7.1 | 190 |
| 2 | Probing antibody internal dynamics with fluorescence anisotropy and molecular dynamics simulations. MAbs, 2013, 5, 306-322. | 5.2 | 30 |
| 3 | De novo structure prediction and experimental characterization of folded peptoid oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14320-14325. | 7.1 | 88 |
| 4 | Peptoid conformational free energy landscapes from implicitâ€solvent molecular simulations in AMBER. Biopolymers, 2011, 96, 639-650. | 2.4 | 54 |
| 5 | Strengths of Hydrogen Bonds Involving Phosphorylated Amino Acid Side Chains. Journal of the American Chemical Society, 2007, 129, 820-827. | 13.7 | 119 |
| 6 | Novel Human Lipoxygenase Inhibitors Discovered Using Virtual Screening with Homology Models. Journal of Medicinal Chemistry, 2006, 49, 1356-1363. | 6.4 | 81 |
| 7 | Surfaces Affect Ion Pairing. Journal of Physical Chemistry B, 2005, 109, 24056-24060. | 2.6 | 52 |
| 8 | Hydration Shell Exchange Dynamics during Ion Transfer Across the Liquid/Liquid Interface. Journal of Physical Chemistry B, 2005, 109, 16455-16462. | 2.6 | 36 |
| 9 | Scattering, Trapping, and Ionization of HCl at the Surface of Liquid Glycerol. Journal of Physical Chemistry B, 2004, 108, 995-1002. | 2.6 | 37 |
| 10 | Molecular dynamics study of the vibrational relaxation of OCl and OClâ^' in the bulk and the surface of water and acetonitrile. Journal of Molecular Liquids, 2004, 110, 133-139. | 4.9 | 15 |
| 11 | Tryptophan 500 and Arginine 707 Define Product and Substrate Active Site Binding in Soybean Lipoxygenase-1â€. Biochemistry, 2004, 43, 13063-13071. | 2.5 | 32 |
| 12 | Photodissociation and Vibrational Relaxation of OClO at Liquid Surfaces. Journal of Physical Chemistry B, 2003, 107, 229-236. | 2.6 | 18 |
| 13 | Molecular dynamics study of the photodissociation and photoisomerization of ICN in water. Journal of Chemical Physics, 2003, 119, 2127-2143. | 3.0 | 30 |
| 14 | Molecular dynamics study of the vibrational relaxation of OClO in bulk liquids. Journal of Chemical Physics, 2002, 116, 8904-8911. | 3.0 | 41 |
| 15 | Vibrational relaxation at water surfaces. Journal of Chemical Physics, 2002, 117, 4532-4541. | 3.0 | 26 |
| 16 | Molecular dynamics study of the photodissociation of OClO in bulk liquids. Journal of Chemical Physics, 2002, 116, 8930-8937. | 3.0 | 16 |
| 17 | Vibrational relaxation of ICN bulk and surface chloroform. Chemical Physics Letters, 2002, 364, 446-453. | 2.6 | 15 |
| 18 | Photodissociation of ICN at the liquid/vapor interface of chloroform. Journal of Chemical Physics, 2001, 115, 4819-4828. | 3.0 | 23 |