

## Dr. Aleksandr (Oleksandr) Savateev



DoB: May 1989  
No of citations: >3000

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### SCIENTIFIC CARRIER

2016 – current      Group leader at the Max Planck Institute of Colloids and Interfaces, Potsdam, Germany

2015 – 2016      Postdoctoral researcher at the Max Planck Institute of Colloids and Interfaces, Potsdam, Germany (scientific advisor Prof. M. Antonietti)

2014      Visiting researcher at the University of Helsinki, Finland (group of Prof. A. Grafov)

2013      Visiting researcher at the University of Helsinki, Finland (group of Prof. A. Grafov)

2012 – 2015      PhD in organic chemistry at the “Institute of organic chemistry” of the National academy of Science of Ukraine (scientific advisor Prof. A. Kostyuk).

2010 – 2012      M. Sc. in organic chemistry and technology of organic compounds. National Technical University of Ukraine “Kyiv Polytechnic Institute”.

2006 – 2010      B. Sc. in organic chemistry and technology of organic compounds. National Technical University of Ukraine “Kyiv Polytechnic Institute”.

### AWARDS

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January 2015      L. N. Markovski prize for young researchers by the National Academy of Science of Ukraine.

### RECEIVED FUNDING

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2022      DFG SPP 2370 - “Nitroconversion”. Project title: Photoelectrochemical Continuous Flow N<sub>2</sub> Fixation Into High Value Small Organic Molecules. Co-PI.

2022      Horizon-EIC-2021-PathfinderChallenges-01-04. Project title: GH2. WP leader.

2022      Horizon-EIC-2021-PathfinderOpen-01-01. Project title: CATART. WP leader.

2019      Volkswagen Foundation. Project title: Towards Solar Paint: Janus Emulsion-based Luminescent Solar Concentrators. Co-PI.

### TEACHING

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2022      Online lecture course for the summer school EVQ2022 “Photocatalytic Synthesis of Organic Compounds Mediated by Heterogeneous Carbon Nitride Materials”,

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	University of San Carlos, Brazil. Second cycle students. <a href="https://www.youtube.com/watch?v=uMtXrcQmfNY&amp;list=PL_cnHDWBalR41GCiRvgyvP8GawlvbrIt2">https://www.youtube.com/watch?v=uMtXrcQmfNY&amp;list=PL_cnHDWBalR41GCiRvgyvP8GawlvbrIt2</a>
2019 – current	Lecturer at the Potsdam University. Lecture course title: “Functionalization of Organic Molecules by Visible Light Photocatalysis”. 2 Semester weekly hour. Second and third cycle students.
2020	Lecture course at Jilin University, China. Lecture course title: Poly(Heptazine Imide) and Covalent Carbon Nitride Materials: Structures and Applications. Second and third cycle students.
2018 – 2020	Selected lectures on polyionic liquids, nanomedicine and carbon nitride nanotubes for second and third cycle students within the lecture course “Modern Aspects in Colloid Science”.
2018 – current	Supervision of students and researchers.
2018 – current	Popularize science via social network and private blog <a href="https://chemistrycommunity.nature.com/users/207386-aleksandr-savatieev/content">https://chemistrycommunity.nature.com/users/207386-aleksandr-savatieev/content</a>

### REVIEWER ACTIVITY

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Evaluation of > 120 research articles and review articles for *Angewandte Chemie*, *Nature Communications*, *ACS Catalysis*, *Journal of Catalysis*, *European Journal of Organic Chemistry*, *Green Chemistry*, etc.

Evaluation of research proposals and individual funding proposals for Alexander von Humboldt foundation, the Austrian Science Fund (FWF), the German Ministry of Education and Research, the French National Research Agency (ANR), the German Academic Scholarship Foundation.

### MEMBERSHIPS OF SCIENTIFIC SOCIETIES

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2019	Member of International Training Network “Solar2Chem” <a href="https://www.solar2chem.eu/">https://www.solar2chem.eu/</a>
2018	Member of “Solar Fuels Network” <a href="https://www.solarfuelsnetwork.com/">https://www.solarfuelsnetwork.com/</a>

### PATENTS (issued and pending)

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M. Antonietti, O. Savatieiev, B. Kurpil, D. Dontsova, Photocatalytic System and Applications thereof, 2019, PCT/EP2017/077540

Utility model patent UA 76099. Process for the preparation of 4-bromo-2,5-dimethyl-1-R-1H-pyrrol-3-carbaldehydes.

F. Löffler, J. Zhang, Y. Zhu, O. Savatieiev. Herstellung einer metallfreien Kohlenstoffnitrid-Photoelektrode für die photoelektrochemische Kreuzkupplung