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## 2019

1. T. Baran, S. Wojtyła, [A. Minguzzi\\*](#), S. Rondinini, A. Vertova "[Achieving efficient H<sub>2</sub>O<sub>2</sub> production by a visible-light absorbing, highly stable photosensitized TiO<sub>2</sub>](#)" **Applied Catalysis B: Environmental** 244 (2019) 303–312

## 2018

2. M. Fracchia, P. Ghigna, A. Vertova, S. Rondinini, and [A. Minguzzi\\*](#) "[Time-Resolved X-ray Absorption Spectroscopy in \(Photo\)Electrochemistry](#)" **Surfaces** 2018, 1, 138–150
3. M. Fracchia, A. Visibile, E. Ahlberg, A. Vertova, [A. Minguzzi\\*](#), P. Ghigna, S. Rondinini "[α- and γ-FeOOH: stability, reversibility and nature of the active phase under hydrogen evolution](#)" **ACS Applied Energy Materials**, 2018, 1 (4), pp 1716–1725
4. [A. Minguzzi\\*](#), L. Montagna, A. Falqui, A. Vertova, S. Rondinini, P. Ghigna "[Dynamics of oxide growth on Pt nanoparticles electrodes in the presence of competing halides by operando energy dispersive X-Ray absorption spectroscopy](#)" **Electrochimica Acta**, 2018, 270, 378-386
5. T. Baran, A. Visibile, S. Wojtyła, M. Marelli, S. Checchia, M. Scavini, F. Malara, A. Naldoni, A. Vertova, S. Rondinini, [A. Minguzzi\\*](#), "[Reverse type I core - Cul /shell - CuO: A versatile heterostructure for photoelectrochemical applications](#)", **Electrochimica Acta**, 2018, 266, 441-451
6. T. Baran, S. Wojtyła, A. Vertova, [A. Minguzzi](#), S. Rondinini "[Photoelectrochemical and photocatalytic systems based on titanates for hydrogen peroxide formation](#)" **Journal of Electroanalytical Chemistry**, 2018, 808, 395-402
7. S. Orsini, E. Pargoletti, A. Vertova, [A. Minguzzi](#), C. Locatelli, S. Rondinini, G. Cappelletti, "[Ad hoc tailored electrocatalytic MnO<sub>2</sub> nanorods for the oxygen reduction in aqueous and organic media](#)" **Journal of Electroanalytical Chemistry**, 2018, 808, 439-445

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9. [A. Minguzzi\\*](#), A. Naldoni, O. Lugaresi, E. Achilli, F. D'Acapito, F. Malara, C. Locatelli, A. Vertova, S. Rondinini, P. Ghigna "[Observation of charge transfer cascades in α-Fe<sub>2</sub>O<sub>3</sub>/IrOx photoanodes by operando X-ray absorption spectroscopy](#)" **Physical Chemistry Chemical Physics**, 2017, 19, 5715-5720
10. D. Meroni, [A. Minguzzi](#), F. Tessore, G. L. Chiarello, A. Amadori, C. Oliva, I. Rossetti "[Urbanistica, nuove tecnologie energetiche, materiali innovativi ed arte: alla ricerca di una città abitabile](#)", **La Chimica e l'Industria** Newsletter, 2017, 4, 3

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12. S. Rondinini, O. Lugaresi, E. Achilli, C. Locatelli, A. Minguzzi, A. Vertova, P. Ghigna, C. Comninellis, "[Fixed Energy X-Ray Absorption Voltammetry and Extended X-Ray Absorption Fine Structure of Ag Nanoparticle Electrodes](#)" **Journal of Electroanalytical Chemistry** 766 (2016) 71–77
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16. S. Rondinini, A. Minguzzi, E. Achilli, C. Locatelli, G. Agostini, S. Pascarelli, G. Spinolo, A. Vertova, P. Ghigna "[The dynamics of pseudocapacitive phenomena studied by Energy Dispersive X-Ray Absorption Spectroscopy on hydrous iridium oxide electrodes in alkaline media.](#)" **Electrochim. Acta**, 212 (2016) 247-253
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## **Other publications:**

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