

List of the most important scientific achievements for 2021

Chemistry, Chemical Technology and Biotechnology

Nociarová, Jela - Osuský, Patrik - Rakovský, Erik - Georgiou, Dimitris - Polyzos, Ioannis - Fakis, Mihalios - Hrobárik, Peter

Direct Iodination of Electron-Deficient Benzothiazoles: Rapid Access to Two-Photon Absorbing Fluorophores with Quadrupolar D- π -A- π -D Architecture and Tunable Heteroaromatic

In: Organic Letters. - Vol. 23, No. 9 (2021), s. 3460-3465

IF - JCR: 2020 - 6,005

Plachá, Daniela - Jampílek, Josef

Chronic Inflammatory Diseases, Anti-Inflammatory Agents and Their Delivery Nanosystems

In: Pharmaceutics. - Vol. 13, No. 1 (2021), Art. No. 64

IF - JCR: 2020 - 6,321

Plevová, Kristína - Kisszekelyi, Peter - Vargová, Denisa - Andrejčák, Samuel - Tóth, Viktor - Fertál', Lukáš - Rakovský, Erik - Filo, Juraj - Šebesta, Radovan

Diastereoselective Double C-H Functionalization of Chiral Ferrocenes with Heteroaromatics

In: Chemistry - A European Journal. - Vol. 27, No. 62 (2021), s. 15501-15507

IF - JCR: 2020 - 5,236

Procházková, Eliška - Šimon, Petr - Straka, Michal - Filo, Juraj - Májek, Michal - Cigáň, Marek - Baszczyński, Ondřej

Phosphate linkers with traceable cyclic intermediates for self-immolation detection and monitoring

In: Chemical Communications. - Vol. 57, No. 2 (2021), s. 211-214

IF - JCR: 2020 - 6,222

Frankovský, Ján - Keresztesová, Barbora - Bellová, Jana - Kunová, Nina - Čanigová, Nikola - Hanáková, Kateřina - Bauer, Jacob A. - Ondrovičová, Gabriela - Lukáčová, Veronika - Siváková, Barbara - Zdráhal, Zbyněk - Pevala, Vladimír - Procházková, Katarína - Nosek, Jozef - Baráth, Peter - Kutejová, Eva - Tomáška, Lubomír

The yeast mitochondrial succinylome: Implications for regulation of mitochondrial nucleoids

In: Journal of Biological Chemistry. - Vol. 297, No. 4 (2021), Art. No. 101155

IF - JCR: 2020 - 5,157

Yahiaoui, Oussama - Patel, Hersh D. - Chinner, Kylie S. - Pašteka, Lukáš Félix - Fallon, Thomas

Stereomutation of Substituted Bullvalenes

In: Organic Letters. - Vol. 23, No. 4 (2021), s. 1157-1162

IF - JCR: 2020 - 6,005